

**Claims**

1. Disintegrating bullet in the form of a jacketed bullet, the bullet comprising two cores, of which one core consists, in solid form, of a material suitable for bullets, characterised in that the second core (4; 22) consists of powder (5; 23) made from metallic or ceramic materials, and in that the powder is compressed without cavities.
2. Disintegrating bullet according to claim 1, characterised in that the solid bullet core (3) forms the tail (12) of the bullet (1).
3. Disintegrating bullet according to claim 1, characterised in that the solid bullet core (24) is arranged in the nose (25) of the bullet (20) and forms the bullet tip (27).
4. Disintegrating bullet according to any one of claims 1 to 3, characterised in that the particle size of the powder (5; 23) is between 5  $\mu\text{m}$  and 1 mm.
5. Disintegrating bullet according to any one of claims 1 to 4, characterised in that the solid bullet core (3; 24) and the powder (5; 23) are made from different materials.
6. Disintegrating bullet according to any one of claims 1 to 4, characterised in that the powder (5; 23) is a ceramic powder.
7. Disintegrating bullet according to claim 6, characterised in that the ceramic powder (5; 23) is aluminium oxide or zirconium oxide or silicon nitride.
8. Disintegrating bullet according to any one of claims 1 to 7, characterised in that when the powder is compressed it is mixed with binders or with cavity-filling material.

- 5 9. Disintegrating bullet according to any one of claims 1 to 8, characterised in that the bullet cores (3, 4; 22, 24) are introduced into the jackets (2; 15; 21) in prefabricated form or are compressed in the jacket.
10. Disintegrating bullet according to any one of claims 1 to 9, characterised in that the solid core consists of compressed balls or granules.
- 10 11. Disintegrating bullet according to any one of claims 1 to 9, characterised in that the solid core consists of sintered material.
12. Disintegrating bullet according to any one of claims 1 to 11, characterised in that the bullet jacket (2; 15; 21) has predetermined breaking points (11; 30).
- 15 13. Disintegrating bullet according to claim 12, characterised in that the predetermined breaking points (11; 30) extend in the direction of the bullet axis (10; 29).
- 20 14. Disintegrating bullet according to any one of claims 1 to 13, characterised in that the material of the bullet jacket (2, 15; 21) is copper, alloys thereof, plated steel, soft iron or zinc/tin alloys.
- 25 15. Disintegrating bullet according to any one of claims 1 to 14, characterised in that the bullet (1, 20) has a spherical indentation (13; 32) in the tail region (12; 31).
- 30 16. Disintegrating bullet according to any one of claims 1 to 15, characterised in that the bullet (20) has a sharp edge (33) on its outer perimeter.
17. Disintegrating bullet according to any one of claims 1 to 16, characterised in that the bullet (20) has holding grooves (34) on its outer perimeter.